

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (original) A method in a communication system for estimating a network indicator of a communication path between a first station and a second station comprising: determining at the second station a first indicator of the communication path in a direction from the first station to the second station; determining at the first station a second indicator of the communication path in a direction from the second station to the first station, said second indicator associating with a corresponding feature of the communication path than said first indicator; determining at the second station a third indicator of the communication path in the direction from the first station to the second station; and estimating the network indicator of the communication path in the direction from the second station to the first station based on the determined first, second and third indicators, said network indicator associating with a corresponding feature of the communication path than said third indicator.

2. (original) A method according to claim 1, wherein the second station comprises a base station of a cellular communication system, the first station comprises a mobile station of the cellular communication system, the communication path comprises a radio link between the stations; the first indicator comprises a bit error ratio in uplink direction, the second indicator comprises a bit error ratio in downlink direction; the third indicator comprises a frame

erasure ratio in uplink direction; and the network indicator to be estimated comprises a frame erasure ratio in downlink direction.

3. (previously presented) A method according to claim 1, wherein the estimated network indicator is used for assessing the quality of the communication path.

4. (original) A method according to claim 3, wherein voice quality of the transmission via the communication path is assessed.

5. (previously presented) A method according to claim 1, wherein the network indicator is obtained based on a correlation between the first indicator, the second indicator and the third indicator.

6. (original) A method according to claim 5, wherein the network indicator is obtained by multiplying said second indicator by the third indicator and dividing the result by the first indicator.

7. (previously presented) A method according to claim 1, comprising passing information about the first indicator, the second indicator and the third indicator to a controller of the communication system and computing the network indicator by the controller.

8. (original) A communication system comprising: a first station; a second station; a communication path between the first and the second stations; a measurement

unit at the second station for determining a first indicator of the communication path in a direction from the first station to the second station; a measurement unit at the first station for determining a second indicator of the communication path in a direction from the second station to the first station, said second indicator associating with a corresponding feature of the communication path than said first indicator; a measurement unit at the second station for determining a third indicator of the communication path in the direction from the first station to the second station; and control unit for estimating a further indicator of the communication path based on the determined first, second and third indicators, said further indicator associating with a corresponding feature of the communication path than said third indicator.

9. (original) A communication system according to claim 8, wherein the second station comprises a base station of a cellular communication system, the first station comprises a mobile station of the cellular communication system, the communication path comprises a radio link between the stations, the first indicator comprises a bit error ratio in uplink direction, the second indicator comprises a bit error ratio in downlink direction; the third indicator comprises a frame erasure ratio in uplink direction, and the further indicator comprises a frame erasure ratio in downlink direction.

10. (previously presented) A communication system according to claim 8; wherein the estimated indicator is used for assessing the quality of the communication path.

11. (previously presented) A communication system according to claim 8, wherein the control unit is arranged to correlate the first indicator, the second indicator and the third indicator for obtaining the further indicator.

12. (new) A control unit for a communication system, the control unit being arranged to estimate a network indicator of a communication path between a first station and a second station based on

a first indicator of the communication path in a direction from the first station to the second station;

a second indicator of the communication path in a direction from the second station to the first station, said second indicator associating with a corresponding feature of the communication path than said first indicator; and

a third indicator of the communication path in the direction from the first station to the second station.

13. (new) A control unit according to claim 12, wherein said network indicator is associated with a corresponding feature of the communication path than said third indicator, and said network indicator indicates a property of the communication path in the direction from the second station to the first station.

14. (new) A control unit according to claim 12, wherein the second station comprises a base station of a cellular communication system, the first station comprises a mobile station of the cellular communication system, the communication path comprises a radio link

between the stations, the first indicator comprises a bit error ratio in uplink direction, the second indicator comprises a bit error ratio in downlink direction; the third indicator comprises a frame erasure ratio in uplink direction, and the network indicator comprises a frame erasure ratio in downlink direction.

15. (new) A control unit according to claim 12, wherein the network indicator is obtained based on a correlation between the first indicator, the second indicator and the third indicator.

16. (new) A control unit according to claim 12, wherein the network indicator is obtained by multiplying said second indicator by the third indicator and dividing the result by the first indicator.

17. (new) A base station for a communication system, the base station being arranged to estimate a network indicator of a communication path between a mobile station and the base station based on:

a first indicator of the communication path in a direction from the mobile station to the base station;

a second indicator of the communication path in a direction from the base station to the mobile station, said second indicator associating with a corresponding feature of the communication path than said first indicator; and

a third indicator of the communication path in the direction from the mobile station to the base station.

18. (new) A base station according to claim 17, wherein said network indicator is associated with a corresponding feature of the communication path than said third indicator, and said network indicator indicates a property of the communication path in the direction from the base station to the mobile station.

19. (new) A base station according to claim 17, wherein the communication path comprises a radio link between the stations, the first indicator comprises a bit error ratio in uplink direction, the second indicator comprises a bit error ratio in downlink direction; the third indicator comprises a frame erasure ratio in uplink direction, and the network indicator comprises a frame erasure ratio in downlink direction.

20. (new) A base station according to claim 19, wherein the network indicator is obtained based on a correlation between the first indicator, the second indicator and the third indicator.

21. (new) A base station according to claim 20, wherein the network indicator is obtained by multiplying said second indicator by the third indicator and dividing the result by the first indicator.